

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277

Minh Van NGO, et al. : Confirmation Number: 5014

Serial No.: 09/986,267 : Group Art Unit: 2822

Filed: November 08, 2001 : Examiner: Jamie Lynn Brophy

For: METHOD OF FORMING RELIABLE CU INTERCONNECTS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Information Disclosure Statement Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

In accordance with 37 CFR 1.17(p), please charge the fee of \$180.00 to Deposit Account No. 500417.

09/986,267

Each English language reference was cited in a corresponding foreign application search

report or office action and its relevance discussed therein. A copy of the foreign search report or

office action is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including

extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit

account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

Registration No. 26,106

600 13th Street, N.W.

Washington, DC 20005-3096 (202) 756-8000 AJS:men

Facsimile: (202) 756-8087 Date: September 30, 2003

2

■ SEP 3 n 2003

SUBST LOG L

- W							OI ILL	1 -1 01
MENT	ORMA	ATION DISC	LOSURE	ATTY. DOCKET NO. SERIAL NO. 50432-204 09/986,267				
		PPLICATION						
				APPLICANT Minh Van NGO, et al.				
		(PTO-1449)		FILING DATE GROUP November 08, 2001 2822			,	
			U.S. PATEN	T DOCUMENTS				
EXAMINER'S	Γ	Document Number		Name of Patentee or Applicant of Cited		Pages, Columns, Lines, Where		
INITIALS	NO NO	Number-Kind Code _{2 (FA}	MM-DD-TTTT	Document		Relevant Passages or Relevan Figures Appear		
		US 6,153,522		Takagi et a.				
		US 6,165,894		Pramanick et a	1			
		US 6,281,104 B	1 08/28/2001	Batra et al.				
	↓	US						
		US						
		US		 				1
		US		 				
		US		+				
		US		+		:		
	 	US		 			4	
	 	US		 			7	
		US		 				
		US					734	
				ENT DOCUMENTS				
EXAMINER'S INITIALS	CITE	Foreign Patent Docur Country Codes Number « Codes (if known)		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear		Translation	
	i						Yes	No
	├	<u> </u>				\rightarrow		
	 	l		 	 	-		
				r, Title, Date, Pertinent Pages, E				
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), but item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), fitle of the item (book, magazine, [include name of						
	t							_
		EXAMINER		DATE CONSIDERED				
		COMMITTEE	1					